

T 2266
1.973
cop 3

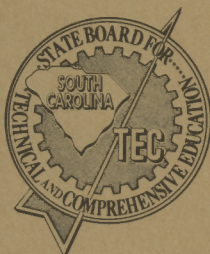
S. C. STATE LIBRARY

JUN 11 1974

1973

south carolina
state board for technical and comprehensive education

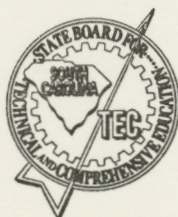
annual report



The South Carolina State Board For Technical And Comprehensive Education

1429 Senate St.
Columbia, South Carolina

Annual Report Fiscal Year 1972-73



CHARLES E. PALMER
Executive Director

Y. W. SCARBOROUGH
*Chairman
Board of Directors*

CONTENTS

Organization	1
Historical Profile	7
Internal Changes in the Organization including Change in Legislation	17
Synopsis of Technical Education Programs	25
Expenditures of the TEC Organization	49
List of Publications	56

**ORGANIZATION OF THE SOUTH CAROLINA
STATE BOARD FOR TECHNICAL AND
COMPREHENSIVE EDUCATION**

1972-73

THE STATE BOARD FOR TECHNICAL AND COMPREHENSIVE EDUCATION

Y. W. SCARBOROUGH, JR.

Chairman

First Congressional District
Charleston

WILLIAM A. HORGER

Second Congressional District
Orangeburg

P. HENDERSON BARNETTE

Third Congressional District
Greenwood

TRACY J. GAINES

Fourth Congressional District
Inman

HARRY E. WILKINSON, JR.

Fifth Congressional District
Sumter

JOHN G. WELLMAN

Sixth Congressional District
Johnsonville

JOHN L. BAUER

Member-at-large
Greenville

HERBERT A. DECOSTA, JR.

Member-at-large
Charleston

CYRIL B. BUSBEE

Ex-Officio
State Superintendent of
Education
Cayce

J. BONNER MANLY

Ex-Officio
Director
State Development Board
Columbia

O. STANLEY SMITH

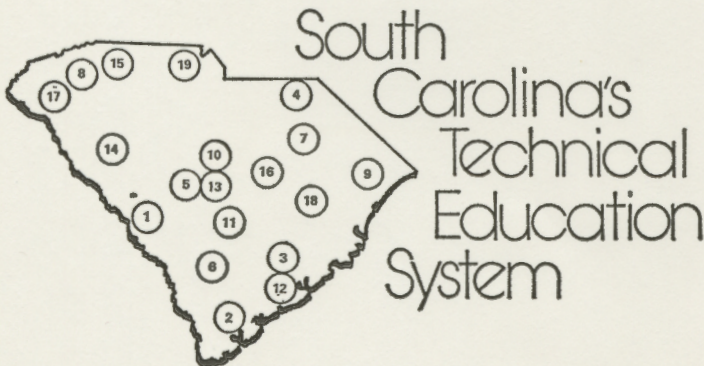
Executive Director



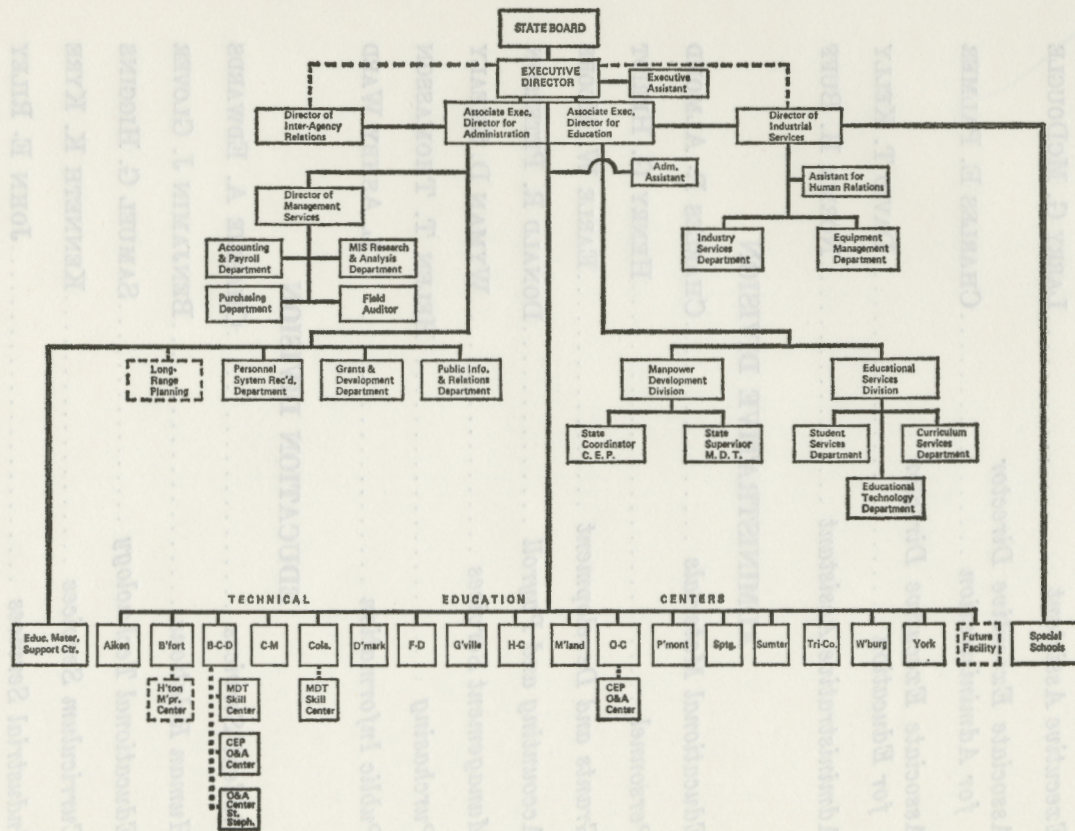
TECHNICAL EDUCATION CAMPUSES

- 1 Aiken Technical Education Center
Post Office Drawer 696
Aiken, South Carolina 29801
Phone 593-9231
- 2 Beaufort Technical Education Center
Ribaut Road
Beaufort, South Carolina 29902
Phone 524-3380
- 3 Berkeley-Charleston-Dorchester Technical Education Center
7000 Rivers Avenue
North Charleston, South Carolina 29406
Phone 553-2375
- 4 Chesterfield-Marlboro Technical Education Center
Drawer 928
Cheraw, South Carolina 29520
Phone 537-5286
- 5 Columbia Technical Education Center
West Columbia, South Carolina 29169
Phone 796-8401
- 6 Denmark Technical Education Center
Denmark, South Carolina 29042
Phone 793-3301
- 7 Florence-Darlington Technical Education Center
Post Office Drawer 269
Florence, South Carolina 29501
Phone 662-8151
- 8 Greenville Technical Education Center
Post Office Box 5616, Station B
Greenville, South Carolina 29606
Phone 242-3170
- 9 Horry-Georgetown Technical Education Center
Post Office Box 710
Conway, South Carolina 29526
Phone 347-3186
- 10 Midlands Technical Education Center
316 South Beltline Boulevard
Columbia, South Carolina 29250
Phone 782-5471
- 11 Orangeburg-Calhoun Technical Education Center
Post Office Drawer 1767
Orangeburg, South Carolina 29115
Phone 536-0311
- 12 Palmer College - Charleston
125 Bull Street
Charleston, South Carolina 29401
Phone 722-0531
- 13 Palmer College - Columbia
1700 Laurel Street
Columbia, South Carolina 29201
Phone 253-9456
- 14 Piedmont Technical Education Center
Drawer 1208
Greenwood, South Carolina 29646
Phone 223-8357
- 15 Spartanburg County Technical Education Center
Post Office Drawer 4386
Spartanburg, South Carolina 29301
Phone 576-5770
- 16 Sumter Area Technical Education Center
506 Guignard Drive
Sumter, South Carolina 29150
Phone 773-9371
- 17 Tri-County Technical Education Center
Post Office Box 87
Pendleton, South Carolina 29670
Phone 646-3227
- 18 Williamsburg Regional Manpower Training Center
Post Office Drawer 640
Kingstree, South Carolina 29556
Phone 354-7423
- 19 York County Technical Education Center
U. S. Highway By-Pass 21-A
Rock Hill, South Carolina 29730
Phone 328-3843

South Carolina State Board for Technical and Comprehensive Education



State Central Office Organization For TEC Administration



----- Future position or facility
 Planned future reporting relationship

EXECUTIVE DIRECTOR

<i>Executive Director</i>	O. STANLEY SMITH, JR.
<i>Executive Assistant</i>	LARRY G. McDUGLE
<i>Associate Executive Director for Administration</i>	CHARLES E. PALMER
<i>Associate Executive Director for Education</i>	DAVID T. KELLY
<i>Administrative Assistant</i>	NORMA H. BUFF

ADMINISTRATIVE DIVISION

<i>Educational Materials</i>	CHARLES R. ALMOND
<i>Personnel</i>	HENRY G. HERIOT
<i>Grants and Development</i>	EARLE W. MOORE
<i>Accounting and Payroll</i>	DONALD R. PETERSON
<i>Management Services</i>	WYMAN D. SHEALY
<i>Purchasing</i>	HELEN T. THOMASSON
<i>Public Information</i>	L. ASHBY WARD

EDUCATION DIVISION

<i>Student Services</i>	CHARLIE A. EDWARDS
<i>Human Relations</i>	BENJAMIN J. GLOVER
<i>Educational Technology</i>	SAMUEL G. HIGGINS
<i>Curriculum Services</i>	KENNETH K. KYRE
<i>Industrial Services</i>	JOHN E. RILEY
<i>Manpower Development</i>	VICTOR J. SAMPSON

**Historical Profile of the
South Carolina State Board for
Technical and Comprehensive Education**

In 1961, a six-man Joint Legislative Study Committee was appointed by Governor Ernest Hollings and charged with the responsibility of creating a reservoir of trained manpower and a training capability which would make South Carolina more attractive to industry. The committee recognized that the people of the state, with training and education, represented the state's most valuable resource.

With this observation, the study committee, under the chairmanship of then Senator John C. West, set as a goal the establishment of a program which would be responsive to the immediate needs of industry and would educate and train the people for better paying jobs. Job training received the highest priority and legislation was passed which authorized the establishment of the South Carolina Advisory Committee for Technical Training. An appropriation of \$250,000 was made by the legislature, and the Advisory Committee was appointed by Governor Hollings.

The Advisory Committee included Chairman O. Stanley Smith, Jr., of Columbia; Alvin F. Heinshon of Charleston; J. Bonner Manly of Abbeville; Sapp Funderburk of Greenville; Clarence Rowland, Sr., of Camden; and J. Boone Aiken of Florence. Superintendent of Education Dr. Jesse T. Anderson and State Development Board Director Walter Harper, became ex-officio members. A. Wade Martin, former coordinator of Industrial Education Centers for North Carolina was appointed Coordinator for the South Carolina Technical Education Committee's Programs.

Mr. Martin moved immediately to establish the Special Schools Program which provided training on a short-term intensive basis for new and expanding industries. The specifications for the Special Schools Program called for a high degree of responsiveness to the needs of industry, flexibility, a central warehouse for equipment, and the ability to move swiftly. Col. John E. Riley was employed to fill the role of coordinator of the Special Schools Program.

Mr. Martin and the Advisory Committee felt that a companion program was also needed. They perceived that post-high school technical, manpower and other adult skill training could best be accomplished in permanent regional centers. The specifications for on-going technical education called for:

- (1) The establishment of programs based upon documented job needs;
- (2) The delineated area should graduate at least 3000 high school students yearly within a 30 mile radius of the facility;
- (3) The establishment of at least thirteen centers which would place a center within 25 miles of 95% of the population;
- (4) Provision of land, suitable facilities, and a share of the cost of operation by sponsoring counties;
- (5) Provision of funds by the state for staff and equipment as well as statewide coordination and technical support as required;
- (6) Provision of local supervision for the centers.

The programs offered within the Technical Education Centers were designed to meet a wide variety of educational needs. The central thrust of the programs was to increase the occupational competency of enrollees through regular programs leading to a diploma, certificate, or associate degree. It was the intent of the designers to make a suitable program available to any adult citizen who wished to obtain a salable skill. The concept of technical education, ignited by the bold, imaginative, and enthusiastic ideas of Wade Martin, caught fire immediately in many local communities. Several communities (single counties or combinations of counties) moved quickly to establish a local area commission and to provide facilities for the operation of educational programs.

In 1962, Greenville County, the focal point of industrial development and an educationally conscious community, moved to establish the first TEC Center in the state. Other areas immediately followed the lead.

In 1963, the central office of the Technical Education Committee (TEC) received a federal grant for 5.6 million dollars from funds generated by the Manpower Development Training Act. The funds were used to establish a new manpower training program called STEP (Special Training for Economic Progress). This was the first massive approach to providing training for the unemployed and the underemployed. Through this initial effort and subsequent Manpower Devel-

opment Training Act (MDTA) programs, more than 35,000 disadvantaged citizens have been provided with occupational and literacy skills.

In 1968, TEC received a two million dollar grant from the Department of Labor with which the South Carolina Rural Concentrated Employment Program (CEP) was initiated. In addition to expanding manpower training programs, this program provided funds for additional services such as assessment, orientation, health care and placement. Through this new program training and other services have been provided to more than 7,000 rural poor. The vast majority of these enrollees have found their way into more productive and satisfying jobs.

Both the Manpower Development Training and the Concentrated Employment Programs seek out the unemployed and the underemployed, assess their educational and training needs, and provide the training or support services necessary for job entry.

In 1969, the General Assembly transferred the responsibility for administering the state's three Area Trade Schools to the TEC system. These Centers, located at Beaufort, Denmark, and West Columbia, are now full fledged TEC Centers and continue to offer trade and craft education, as well as some newly instituted technology programs.

In 1971, the Williamsburg Regional Manpower Training Center was dedicated. Located at Kingstree, it is the result of a multi-agency effort to build the economy of the economically depressed Williamsburg County area. This Center is coordinated by TEC and is supported by local, state and federal agencies.

In October, 1970, A. Wade Martin passed away after having led the TEC system in unprecedented growth. Wyman D. Shealy was appointed interim director and continued the progress of the organization. In May, 1971, Julio L. Bortolazzo became the second Executive Director of the TEC system.

On August 26, 1971, O. Stanley Smith, Jr., Chairman of the TEC State Committee, was appointed Executive Director of the TEC organization replacing Julio L. Bortolazzo who had resigned. Y. W. Scarborough, Jr., long-time committee member from the First Congressional District, was named

Chairman. In October, 1971, William A. Horger, an Orangeburg attorney, was appointed by Governor John C. West to the TEC Committee from the Second Congressional District filling the vacancy created by Stan Smith's transfer from the State Committee to Executive Director. In November, 1971, Leonard W. Douglas, M.D., was appointed to fill the vacant Committee seat from the Third Congressional District.

In May of 1972, through an enactment by the General Assembly, the TEC law was rewritten. The State Committee for Technical Education was reconstituted as the State Board for Technical and Comprehensive Education and given the added responsibility of operating any new two-year, post-secondary comprehensive educational institutions. In addition, the Board assumed responsibility for all programs previously operated by the State Committee for Technical Education.

The effective date of S. C. Act Number 1268 which created the South Carolina State Board for Technical and Comprehensive Education was July 1, 1972. This new legislation provided for the expansion of programs within the system of technical education and for the creation of additional low-cost, accessible educational opportunities. This important step was essential for the realization of goals established by the Study Committee which created the technical training program in 1961.

Essentially TEC is dedicated to serving the technical needs of all South Carolinians and to accelerating the sound economic development of the state. More than 100,000 citizens attend TEC sponsored programs *each year*. This includes over 25,000 full-time student equivalents in the seventeen Centers and over 5,000 persons trained for specific jobs by TEC's Industrial Division, with the remainder attending classes designed to equip them to advance on their present jobs or to qualify for a better position.

Even today, twelve years after the implementation of the TEC program, South Carolina's economic program is dependent on its supply of skilled workers to meet the challenge of an industrial economy. There are still more jobs than there are trained people looking for jobs. Therefore, one of TEC's primary tasks is to educate people for available and projected jobs. Despite the increasing shortage of skilled labor, TEC is

fulfilling the role of providing technicians and other skilled workers.

TEC has been and continues to be successful. With industry coming into the state, and with the necessary training available for the workforce, the outmigration rate of the state's young talent dropped from nearly twelve per cent in 1960 to approximately six per cent in 1972.

Twelve years ago, TEC met the challenge to broaden the state's economic base by training workers for the industrial development and diversification of South Carolina. Today, it continues to multiply the opportunity for South Carolinians who have the desire and energy to better equip themselves to contribute to the total growth of the state.

In July, 1972, the TEC Board received a grant award for \$213,150 from the National Science Foundation for the development of technician education. Only nine other such projects were funded in the nation, with the South Carolina project being the largest grant funded. Later in the fiscal year, Kent Sharples, from Ohio State University, was named project director.

In August, 1972, the State Board approved the implementation of an occupational information system. The goal of the system is to provide the data required for the building of a long and short range projection model which will give the required graduates, by occupation, for the state and each local area. The information to be compiled will include numbers and types of trained workers. In the fall of 1972 federal funding for this project was secured. The Economic Development Administration supplied the basic grant of \$60,596 and The Coastal Plains Regional Commission supplemented these funds with \$50,000.

Recognizing the importance of the role of the state in the production of nuclear materials, the State Board moved to establish a statewide Nuclear Advisory Committee in July of 1972. Represented by a wide variety of related industries, the group will assist in formulating TEC's role in training manpower for the nuclear industry.

In September, 1972, TEC became the only education system this side of California offering Safety and Health Education at the two-year level. Other schools offer it only at the bacca-

laureate level or higher. The program is designed to meet the needs of business and industry in satisfying the requirements of the Occupational Safety and Health Act of 1970. Short term training was implemented for immediate in-plant needs, and a two-year in-depth training program was begun at four strategically located centers.

Implementation of a two-year college parallel program at Greenville TEC was also approved by the TEC Board in September, 1972, to commence in the '73-'74 school year.

In April, 1973, a Mobile Recruitment, Counseling and Occupational Education Information Program began. It was made possible through a Coastal Plains grant. Two mobile units, bearing TEC's State Seal, are scheduled for operation by each TEC Center in the Coastal Plains area for approximately eight weeks each year. The goal of the project is to facilitate a full awareness, by the total population, of opportunities available through occupational education and manpower training and to motivate a larger percentage of the people to take advantage of these opportunities. These units are equipped with audio-visual equipment and descriptive literature and are staffed by professionals from each center.

In May, 1973, The State Board received federal funds of over 1.2 million dollars approved for construction of a new TEC facility in Hampton County and new buildings at Denmark TEC. The Economic Development Administration supplied \$606,000 of these funds, while the Coastal Plains Regional Commission approved \$600,000 as a supplemental grant.

In June, 1973, the Commission on Higher Education granted approval for the offering of the Associate in Arts and Associate in Science Degrees by Tri-County TEC and York TEC to begin in September of 1973.

During the fiscal year ending June 30, 1973, all the necessary approvals required for the merger of Palmer College with the State TEC system were accomplished. Necessary approvals included the State Budget and Control Board, the State TEC Board, the S. C. Commission on Higher Education, the Palmer College Board of Trustees, the Richland-Lexington Counties Commission for Technical Education, the Berkeley-Charleston-Dorchester Area Commission for Technical Edu-

cation, and the legislative delegations of Richland, Lexington, Charleston, Berkeley, and Dorchester Counties.

The merger, effective on July 1, 1973, will merge Palmer College in Charleston with Berkeley-Charleston-Dorchester TEC and Palmer College in Columbia will be merged with Columbia TEC and Midlands TEC.

The merger of the two Palmer Colleges with the TEC organization creates additional low-cost, "open-door" educational opportunities in two metropolitan areas where they are needed. The strong emphasis on industrial services in Technical Education will be maintained, while at the same time other educational opportunities needed by different segments of the population will be increased substantially.

**INTERNAL CHANGES IN THE
ORGANIZATION INCLUDING CHANGE
IN LEGISLATION**

On April 12, 1972, a bill was introduced in the General Assembly to reorganize the TEC system. Act 1268 signed into law by Governor John C. West on May 25, 1972, with an effective date of July 1, 1972, changed the State Committee for Technical Education to the State Board for Technical and Comprehensive Education. The Board was charged with the coordination of the existing Technical Education programs and was given the added responsibility of administering any two-year state supported comprehensive institutions which might be created in South Carolina in future years.

The new law was the result of several studies which showed South Carolina as one of the poorer states in the nation with only nine per cent of its population finishing college according to the 1970 census. The state ranks the lowest in the nation in the number of people over twenty-five years of age who have completed four years of high school—only thirty-eight per cent. Cognizant of these facts, the State Legislature directed that a study committee devise a plan for the economical offering of lower-level college courses at a moderate cost and within commuting distance of the population.

The Carnegie Commission report indicated that South Carolina was the only one of the forty-eight contiguous states which already had a sufficient number of strategically located two-year institutions to fill the state's needs for comprehensive post-high school education through 1980.

Thus the plan centered around existing TEC Centers primarily because of the location of the Centers and because they already offered most of the courses necessary for comprehensive two-year post-secondary institutions.

While no community was required to alter the mission of its TEC Centers, the communities were given the option of making the first two years of college available to those of its citizens who wished to attend college near home for economic or other reasons.

The enactment of the law was a major step toward bringing post-high school education to every individual who wished to take advantage of it. It became possible for South Carolinians to continue their education near their home community at a moderate cost.

Thus, while continuing to stress industrial training, TEC expanded its offerings to include college-parallel courses.

The law also set forth the steps necessary for the merger of a TEC Center with a university branch or center, and for a university branch to add occupational training. In each instance, safeguards were furnished to provide approval by the local communities through their respective area commissions and legislative delegations.

The passage of the bill provided for substantial savings of tax dollars, as well as further utilization of TEC's classrooms, laboratories, and libraries, by placing college work within commuting distance of the population.

The newly constituted State Board for Technical and Comprehensive Education consists of a representative from each of the state's six Congressional Districts, two members at-large and two ex-officio members. The members of the former TEC State Committee continued to represent their Congressional Districts. They were Y. W. Scarborough, Jr., of Charleston, President of the Atlantic Coast Life Insurance Co. (1st District); William A. Horger of Orangeburg, an attorney (2nd District); P. Henderson Barnette, of Greenwood, Chairman of the Board of Greenwood Packing Co. (3rd District) Tracy J. Gaines of Inman, an agriculturist and Savings and Loan Official (4th District); Harry E. Wilkinson, Jr., of Sumter, Real Estate Executive with Dutch Bolin Co. (5th District) and John G. Wellman of Johnsonville, President of Wellman Industries, Inc. (6th District).

John L. Bauer, General Manager of the General Electric Gas Turbine Plant in Greenville, and Herbert A. DeCosta, Jr., a Charleston building contractor, are members at-large to the State Board.

Ex-Officio members of the State Board for FY 1972-73 were Cyril B. Busbee, State Superintendent of Education, and J. Bonner Manly, Director of the State Development Board.

Y. W. Scarborough, Jr., was elected Chairman of the Board and O. Stanley Smith was named as Executive Director.

The TEC Central Office was restructured in July, 1972. David T. Kelly was appointed Associate Executive Director for Education. Under this area were Curriculum Resources, Student Services, Agricultural Training, Fire Training, and the Industrial Services Division which is responsible for Special Schools, warehousing, and equipment.

Charles E. Palmer was named Associate Executive Director for Administration. Under his supervision were Finance, Planning and Grants, Development and the Educational Materials Support Center.

During the 1972-73 fiscal year, a plan was devised whereby a more efficient Central Office organization could be realized. Six major divisions were outlined into which all the above areas will be placed effective July 1, 1973.

LEGISLATION

Act 1268

(R1436, H3169)

An Act To Create The State Board For Technical And Comprehensive Education; To Provide For Its Powers And Duties; To Repeal Sections 21-701 Through 21-703, Code Of Laws Of South Carolina, 1962, Relating To The Advisory Committee On Technical Training; And To Repeal Sections 21-651 Through 21-659, Concerning The Former South Carolina Area Trade Schools, Which Were Transferred In 1969 To The Advisory Committee On Technical Training.

Be it enacted by the General Assembly of the State of South Carolina:

SECTION 1. There is hereby created the State Board for Technical and Comprehensive Education as a continuing body and agency and instrumentality of the State. The board shall consist of eight members, appointed by the Governor for terms of six years and until successors are appointed and qualify. One member shall be appointed from each congressional district, with the advice and consent of the legislative delegations of the congressional district involved, and be a resident thereof. There shall be two at-large members appointed by the Governor. The initial terms of office of board members representing congressional districts shall be for a period of years corresponding to the numerical designation of their respective districts. The initial terms of office of the at-large members shall be for three and six years, determined by lot. In addition, the State Superintendent of Education and the Executive Director of the State Development Board shall serve as ex officio members of the board. The chairman shall be elected by the board. The board shall make such rules and

regulations and enter into such contracts as it deems necessary to fulfill the requirements of this act.

SECTION 2. The board shall have within its jurisdiction, in accordance with the provisions of this act, all two-year state-supported, post-secondary institutions and their programs that are presently operating and any created in the future. Excepted are the present university branches and centers, which shall continue the present programs under the direction of the University of South Carolina and Clemson University, respectively.

It is provided further that such university branches or centers are hereby specifically authorized to offer courses in the junior level where such branch or center has an enrollment of seven hundred full-time equivalent students and to offer in the senior level when such branch or center has one thousand full-time equivalent students, both subject to the approval of the Board of Trustees of the University concerned. Such branch or center shall continue to be under the administrative and jurisdictional control of its local governing board and the board of trustees of the University of South Carolina or Clemson University, as the case may be.

SECTION 3. It shall be possible for two-year institutions to meet the changing educational needs of their service area by:

- (1) adding the first-year and second-year college parallel curricula to technical education centers;
- (2) merging two or more two-year institutions; and
- (3) enabling university branches or university centers to become comprehensive institutions under the direction of the State Board for Technical and Comprehensive Education.

Any major modification, as specified in this section shall require the concurrence of the local governing or advisory boards and the legislative delegations affected, the board of trustees of the university directly affected, the State Board for Technical and Comprehensive Education and the Commission for Higher Education.

SECTION 4. The board shall be empowered to assume all of the assets and liabilities of the existing State Advisory Committee for Technical Training and continue all of the existing institutions and programs, with continued emphasis on the

special schools program which provides training for prospective employees for new and expanding industry, such programs to be closely coordinated with the State's economic development efforts. The regional technical centers, regional manpower centers and all federal programs presently assigned, or that may be assigned, to the State Advisory Committee for Technical Training will be continued under the auspices of the board.

The board shall maintain coordination with the Commission on Higher Education and other educational efforts to facilitate effective coordination of activities. Coordination with the Commission on Higher Education shall be accomplished as follows:

- (1) by the service of the Chairman of the State Board for Technical and Comprehensive Education as an ex officio member of the Commission on Higher Education; and
- (2) by the presentation to the Commission on Higher Education of the board's plans, programs and academic educational budget, for review and comment.

All associate degree programs shall be subject to the approval of the Commission on Higher Education.

The admission criteria for the college parallel program shall be established by the Board with the concurrence of the Commission on Higher Education.

SECTION 5. In addition to the powers, and without the intent of limiting the powers and duties necessary to achieve the purposes of this act, duties and responsibilities hereinabove designed to it, the board shall:

- (1) be responsible for the development and implementation of an adequate post-high school vocational and technical training program;
- (2) establish criteria, subject to the approval of the Commission on Higher Education, for the establishment of new public two-year, post-secondary institutions and programs; such criteria to include minimum population, both total and of college age, in the area to be served, and minimum annual secondary school graduations in the area to be served, with specific allowance to be made for the existence, within the area to be served, of other post-secondary institutions, public and non-public;

(3) continue the policy of full participation at the local level in its programs and institutions through the mechanisms of local boards and advisory committees, and through the requirements of local provision of capital facilities, all subject to state-level policy and budgetary control through the new board, which shall include, but not be limited to: (a) establishing maximum tuition and fees which may be charged students of any of the institutions under its control, (b) award certificates, diplomas and associate (but not baccalaureate) degrees to students who successfully complete authorized and prescribed courses of study and training, (c) participation in various programs of federal aid to public two-year institutions and to the students therein, and (d) accept and administer donations of funds, real property or equipment from individuals, corporations, foundations and governmental bodies, and to possess title to all donated or purchased equipment for which maintenance is provided by the State.

SECTION 6. The board shall file reports on its activities annually, with such recommendations as may be appropriate, to the Governor and the General Assembly.

SECTION 7. Section 21-701 through 21-703 and Sections 21-651 through 21-659 of the 1962 Code are hereby repealed.

SECTION 8. All additional four year institutions created under this Act shall be under the control of the State College Board of Trustees.

SECTION 9. This act shall take effect on July 1, 1972.

In the Senate House the 25th day of May

In the Year of Our Lord One Thousand Nine Hundred and Seventy-Two.

EARLE E. MORRIS, JR.,
President of the Senate.

SOLOMON BLATT,
Speaker of the House of Representatives.

Approved the 25th day of May, 1972.

JOHN C. WEST,
Governor.

**SYNOPSIS OF TECHNICAL EDUCATION
PROGRAMS**

THE TEC CENTERS

In 1961, a challenge plan was adopted whereby the local communities which qualified for a TEC Center would provide for land, the construction and maintenance of adequate buildings, and a portion of the operating costs. The State Board would provide funds for the instructional programs and equipment within the Centers. This arrangement has worked well and in FY 1972 there were seventeen Centers across the state.

Special Schools, Manpower Development Training and the Concentrated Employment Program conduct much of their training in the TEC Centers. In addition, the Centers provide post-secondary education for technicians and craftsmen for initial employment in industry; adult education courses; remedial courses; upgrading programs that either up-date skills or qualify individuals for better employment; community service courses; and basic skills and literacy tests for those persons who do not meet minimum job entry requirements.

To date, more than 600,000 persons have availed themselves of training in the TEC Centers. In fiscal year 1972-73, a total of 108,719 students enrolled in the Centers.

In addition to large numbers of short courses designed primarily for upgrading of skills, the TEC Centers offer 115 one and two year certificate, diploma and degree programs. Annual increases in enrollments have averaged above 15%.

During the fiscal year, two new TEC Center Directors were appointed. In August, 1972, Dr. James R. Morris, Jr., became the Director of Sumter TEC. In January, 1973, Algie Grubbs, formerly Associate Director at Orangeburg-Calhoun TEC became the Director of Chesterfield-Marlboro TEC.

Tr-County TEC 1963 DON C. GARRISON

Manpower Center 1971 LESTER G. HARMON

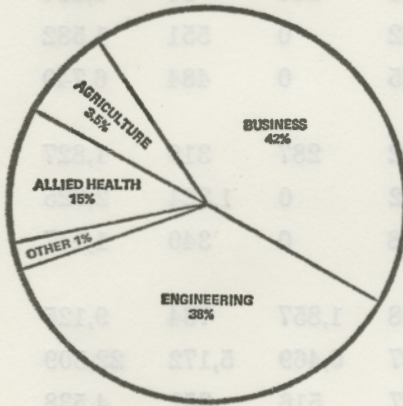
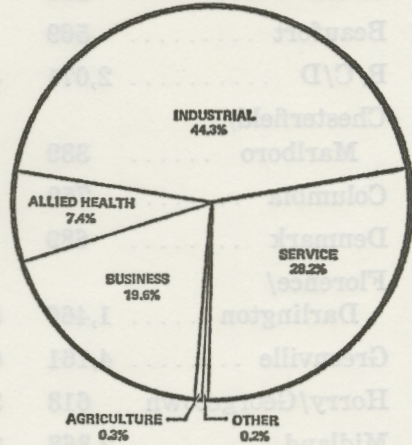
York TEC 1964 BAXTER M. HOOD

* Tentative resignation during FY 1973-74.

<i>Institution</i>	<i>Founded</i>	<i>Director</i>
Aiken TEC	1972	ASHLEY J. LITTLE
Beaufort TEC	1969	GEORGE W. GOLDSMITH, JR.
Berkeley-Charleston- Dorchester TEC	1964	RICHARD L. WALDROUP, JR.
Chesterfield-Marlboro TEC	1969	ALGIE M. GRUBBS, SR.
Columbia TEC	1969	PHARES S. NYE *
Denmark TEC	1969	WILLIAM L. MCDUFFIE
Florence-Darlington TEC	1963	FRED C. FORE
Greenville TEC	1962	THOMAS E. BARTON, JR.
Horry-Georgetown TEC	1966	G. WILLIAM DUDLEY, JR.
Midlands TEC	1963	R. L. GRISBY, JR.
Orangeburg-Calhoun TEC	1969	CHARLES P. WEBER
Piedmont TEC	1966	LEX D. WALTERS, SR.
Spartanburg County TEC	1963	JOE D. GAULT
Sumter Area TEC	1962	JAMES R. MORRIS, JR.
Tri-County TEC	1963	DON C. GARRISON
Williamsburg Regional Manpower Center . . .	1971	LESTER G. HARMON
York TEC	1964	BAXTER M. HOOD

* Tendered resignation during FY 1972-73.

TEC CURRICULUM ENROLLMENT **October 1972**

DEGREE PROGRAMS**DIPLOMA PROGRAMS**

PROGRAM AREA	DEGREE PROGRAMS		DIPLOMA PROGRAMS	
	Number	Percent	Number	Percent
Agriculture	243	3.5%	18	0.3%
Allied Health	1087	15.5%	422	7.4%
Business	2940	42.0%	1116	19.6%
Engineering	2657	38.0%	NA	—
Industrial	NA	-	2519	44.3%
Service	NA	-	1607	28.2%
Other	69	1.0%	10	0.2%
TOTAL	6996	100%	5692	100%

N/A -- Not Applicable

Source: TEC/MIS

TEC CENTER ENROLLMENT

<i>Tec Center</i>	<i>Curriculum</i>	<i>General</i>	<i>Local</i>	<i>Other</i>	<i>Total</i>
Aiken	221	713	286	30	1,250
Beaufort	569	562	0	551	1,582
B/C/D	2,071	4,185	0	484	6,740
Chesterfield/ Marlboro	339	882	287	319	1,827
Columbia	759	842	0	1,324	2,925
Denmark	689	148	0	340	1,177
Florence/ Darlington	1,466	5,068	1,857	734	9,125
Greenville	4,161	6,707	6,469	5,172	22,509
Horry/Georgetown	613	3,057	516	352	4,538
Midland	2,368	3,886	209	869	7,332
Orangeburg/ Calhoun	1,414	4,621	427	732	7,194
Piedmont	1,004	7,019	361	1,521	9,905
Spartanburg	1,794	3,941	219	1,642	7,596
Sumter	735	2,303	522	1,192	4,752
Tri-County	1,461	6,743	1,725	658	10,587
Williamsburg	499	298	107	1,574	2,478
York	1,083	1,472	106	460	3,121
TOTAL	21,246	52,347	13,091	17,954	104,638
Percent	20%	50%	13%	17%	100%

Source: TEC/Division of Planning and Research

Curriculum Programs cover degree and diploma full-time and part-time students.

General Programs cover upgrading, refresher and certificate programs.

LISTING OF CURRICULA BY CENTER

AIKEN TECHNICAL EDUCATION CENTER

TWO-YEAR ASSOCIATE DEGREE PROGRAMS:

Business Administration Tech	Nuclear Tech
Electro Mechanical Engineering Tech	Secretarial Science Tech
Industrial Engineering Tech	Textile Management Tech

ONE-YEAR DIPLOMA PROGRAMS:

Industrial Electronics	Technical Secretary
Machine Shop	Welding
Plant Mechanics	

BEAUFORT TEC

TWO-YEAR DIPLOMA PROGRAMS:

Horticulture	Marine Industries
Industrial Electronics	Mechanical Drafting and Design

ONE-YEAR DIPLOMA PROGRAMS:

Air Conditioning and Refrigeration	Electricity
Appliance Service and Repair (1½ years)	Farm Machinery Mechanic
Automotive Mechanic	Food Services (9 months)
Carpentry	Heavy Equipment Operator
Cosmetology	Masonry
Diesel and Heavy Equipment Mechanic	Office Occupations
	Welding

BERKELEY-CHARLESTON-DORCHESTER TEC

TWO-YEAR ASSOCIATE DEGREE PROGRAMS:

Chemical Engineering Tech	Industrial Safety and Health Engineering Tech
Civil Engineering Tech	Inhalation Therapy Tech
Data Processing Tech	Mechanical Engineering Tech
Dental Assistant Tech	Medical Laboratory Tech
Electrical Engineering Tech	Nuclear Tech
Electronic Engineering Tech	Radiologic Tech
Histo Tech	
Horticulture Tech	

ONE-YEAR DIPLOMA PROGRAMS:

Air-Conditioning and Refrigeration	Radio and TV Repair
Auto Body Repair	Technical Secretary
Automotive Mechanic	Technical Secretary Data Processing
Industrial Drafting	Tool and Die Making
Industrial Electricity	Welding
Machine Shop	
Operating Room Tech	

CHESTERFIELD-MARLBORO TEC**TWO-YEAR ASSOCIATE DEGREE PROGRAMS:**

Business Administration Tech	Drafting and Design Tech
Industrial Safety and Health	Medical Assistant Technology
Engineering Tech	

ONE-YEAR DIPLOMA PROGRAMS:

Air Conditioning and Refrigeration	Machine Shop
Automotive Mechanic	Technical Secretary
Industrial Electronics	Welding

COLUMBIA TEC**TWO-YEAR DIPLOMA PROGRAMS:**

Industrial Electronics	Printing
Mechanical Drafting and Design	Watch Repair

ONE-YEAR DIPLOMA PROGRAMS:

Air Conditioning and Refrigeration	Heavy Equipment Operator
Auto Body Repair	Horticulture
Automotive Mechanic	Machine Shop
Carpentry	Masonry
Dental Assistant	Meat Cutting
Diesel and Heavy Equipment	Radio and TV Repair
Mechanic	Turf Maintenance
Distribution and Marketing	Welding
Electricity	

DENMARK TEC**TWO-YEAR ASSOCIATE DEGREE PROGRAMS:**

Industrial Electronics	Mechanical Drafting and Design
------------------------	--------------------------------

ONE-YEAR DIPLOMA PROGRAMS:

Air Conditioning and Refrigeration	Masonry
Auto Body Repair	Office Occupations
Automotive Mechanic	Painting and Decorating
Barbering	Plumbing and Pipefitting
Carpentry	Radio and TV Repair
Commercial Sewing	Sewing Machine Repair
Cooking and Baking	Shoe Repair
Cosmetology	Tailoring
Electricity	Welding

FLORENCE-DARLINGTON TEC

TWO-YEAR ASSOCIATE DEGREE PROGRAMS:

Accounting Tech	Electronic Engineering Tech
Agronomy	Industrial Engineering Tech
Business Administration Tech	Nurse Registered RN
Civil Engineering Tech	Radiologic Technology
Data Processing Tech	Secretarial Science Technology
Drafting and Design Tech	

TWO-YEAR DIPLOMA PROGRAMS:

Aircraft Mechanic	Auto Diesel Mechanic
-------------------	----------------------

ONE-YEAR DIPLOMA PROGRAMS:

Air Conditioning and Refrigeration	Machine Shop
Dental Assistant	Tool and Die Making
Industrial Electronics	

GREENVILLE TECHNICAL EDUCATION CENTER

TWO-YEAR ASSOCIATE DEGREE PROGRAMS:

Business Administration Tech	Mechanical Engineering Tech
Chemical Tech	Medical Records Tech
Data Processing Tech	Mental Health Tech
Dental Hygiene Tech	Numerical Control
Dental Laboratory Tech	Nurse Registered RN
Dietetic Tech	Para Legal Technology
Drafting and Design Tech	Physical Therapy Assistant
Electronic Engineering Tech	Radiologic Technology
Industrial Engineering Tech	Textile Management
Inhalation Therapy Tech	Tool and Die Making
(Respiratory Therapy)	Wastewater Tech
Law Enforcement	

ONE-YEAR DIPLOMA PROGRAMS:

Air Conditioning and Refrigeration	Medical Lab Assistant
Allied Health	Medical Secretary
Automotive Mechanic	Metalworking Tech
Chemical Lab Assistant	Nurse Practical LPN
Dental Assistant	Operating Room Tech
Diesel and Heavy Equipment	Technical Secretary
Mechanic	Truck Driver
Heavy Equipment Operator	Ward Clerk Secretary
Industrial Electronics	Welding

HORRY-GEORGETOWN TEC

TWO-YEAR ASSOCIATE DEGREE PROGRAMS:

Business Administration Tech	Hotel-Motel and Restaurant
Civil Engineering Tech	Management Tech
Fine Turf Tech	Secretarial Science Tech
Forestry	

TWO-YEAR DIPLOMA PROGRAMS:

Automotive Tech	Radio and TV Repair
-----------------	---------------------

ONE-YEAR DIPLOMA PROGRAMS:

Air Conditioning and Refrigeration	Industrial Drafting
Clerical Assistant	Industrial Electricity
Data Processing Machine Operator	Machine Shop
General Business	Welding

MIDLANDS TECHNICAL EDUCATION CENTER**TWO-YEAR ASSOCIATE DEGREE PROGRAMS:**

Architectural Engineering	Inhalation Therapy Tech
Business Accounting Tech	Mechanical Engineering Tech
Civil Engineering Tech	Medical Laboratory Tech
Data Processing Tech	Mental Health Tech
Dental Hygiene Tech	Nuclear Tech
Electronic Engineering Tech	Retail Management Tech
Industrial Engineering Tech	Secretarial Science Tech
Industrial Safety and Health Engineering Tech	

TWO-YEAR DIPLOMA PROGRAMS:

Tool and Die Making

ONE-YEAR DIPLOMA PROGRAMS:

Air Conditioning and Refrigeration	Nurse Practical LPN
Automotive Mechanic	Radiologic Tech
General Office Clerk	Radio and TV Repair
Industrial Drafting	Welding
Machine Shop	

ORANGEBURG-CALHOUN TEC**TWO-YEAR ASSOCIATE DEGREE PROGRAMS:**

Animal and Plant Science	Law Enforcement
Business Administration Tech	Mechanical Engineering Tech
Electronic Instrumentation Tech	Radiologic Tech
Engineering Drafting Tech	Secretarial Tech
Industrial Management	

TWO-YEAR DIPLOMA PROGRAMS:

Air Conditioning and Refrigeration	Industrial Lab Assistant CLA
Automotive Tech	Industrial Electricity
Boilermaker	Tool and Die Making
Clerk Stenographer	Welding
Diesel and Heavy Equipment Mechanic	

ONE-YEAR DIPLOMA PROGRAMS:

Industrial Lab Assistant	Watchmaking
--------------------------	-------------

PIEDMONT TECHNICAL EDUCATION CENTER

TWO-YEAR ASSOCIATE DEGREE PROGRAMS:

Business Administration Tech	Law Enforcement
Drafting and Design Tech	Machinist Technician
Electronic Engineering Tech	Medical Assistant Tech
Human Services Tech	Secretarial Science Tech
Industrial Engineering Tech	Textile and Industrial Management

TWO-YEAR DIPLOMA PROGRAMS:

Air Conditioning and Refrigeration	Construction Tech
Automotive Tech	Management Tech
Industrial Electronics	

ONE-YEAR DIPLOMA PROGRAMS:

Auto Body Repair	Radio and TV Repair
General Office Clerk	Surgical Tech
Machine Shop	Ward Secretary
Medication Tech	Welding
Plumbing and Pipefitting	

SPARTANBURG TEC

TWO-YEAR ASSOCIATE DEGREE PROGRAMS:

Business Administration Tech	Horticulture Tech
Civil Engineering Tech	Industrial Engineering Tech
Data Processing Computer Programming	Medical Laboratory Tech
Drafting and Design Tech	Radiologic Tech
Electronic Engineering Tech	Textile Dye and Finishing Tech

TWO-YEAR DIPLOMA PROGRAMS:

Industrial Electronics

ONE-YEAR DIPLOMA PROGRAMS:

Air Conditioning and Refrigeration	Medical Secretary
Automotive Mechanic	Operating Room Tech
Business Machine Operator	Pipefitting
Dental Assistant	Technical Secretary
General Office Clerk	Tool and Die Making
Industrial Electronics	Ward Clerk Secretary
Machine Shop	Welding
Medical Lab Assistant CLA	

SUMTER AREA TECHNICAL EDUCATION CENTER

TWO-YEAR ASSOCIATE DEGREE PROGRAMS:

Agriculture Mechanization	Marketing Tech
Civil Engineering Tech	Radiologic Tech (X-Ray Tech)
Environmental Health Engineering Tech	Secretarial Science Tech

TWO-YEAR DIPLOMA PROGRAMS:

Air Conditioning and Refrigeration Automotive Tech

ONE-YEAR DIPLOMA PROGRAMS:

Electrical Installation and Maintenance	Machine Shop
Engineering Aide	Tool Room Machinist
Industrial Electronics	Welding

TRI-COUNTY TECHNICAL EDUCATION CENTER**TWO-YEAR ASSOCIATE DEGREE PROGRAMS:**

Animal Science	Industrial Safety and Health
Civil Engineering Tech	Engineering Tech
Drafting and Design Tech	Medical Assistant Tech
Electronic Engineering Tech	Medical Lab Tech
Industrial Engineering Tech	Radio and TV Broadcasting Tech
Marketing Tech	Secretarial Science Tech

TWO-YEAR DIPLOMA PROGRAMS:

Air Conditioning and Refrigeration Industrial Electronics

ONE-YEAR DIPLOMA PROGRAMS:

Auto Body Repair	Machine Shop
Automotive Mechanic	Masonry
Cabinet Making	Tool and Die Making
Child Care Assistant	Welding

WILLIAMSBURG REGIONAL MANPOWER CENTER**TWO-YEAR DIPLOMA PROGRAMS:**

Mechanical Drafting and Design Radio and TV Repair (18 months)

ONE-YEAR DIPLOMA PROGRAMS:

Air Conditioning and Refrigeration	Electricity
Auto Body Repair	Machine Shop
Automotive Mechanic	Masonry
Carpentry	Office Occupations
Chemical Lab Assistant	Plumbing and Pipefitting
Commercial Sewing	Welding
Cosmetology	

YORK COUNTY TECHNICAL EDUCATION CENTER**TWO-YEAR ASSOCIATE DEGREE PROGRAMS:**

Business Administration Tech	Industrial Engineering Tech
Civil Engineering Tech	Mechanical Engineering Tech
Data Processing Tech	Medical Laboratory Tech
Drafting and Design Tech	Radiologic Tech
Electronic Engineering Tech	

TWO-YEAR DIPLOMA PROGRAMS:

Automotive Tech

Welding

ONE-YEAR DIPLOMA PROGRAMS:

Air Conditioning and Refrigeration

Machine Shop

Data Processing Machine Operator

Technical Drafting

General Office Clerk

Technical Secretary

Industrial Electronics

Welding

CURRICULUM PROGRAMS (ALPHABETIC)

Agriculture Mechanization

Agronomy

Air Conditioning and Refrigeration

Aircraft Mechanic

Allied Health

Animal and Plant Science

Animal Science

Appliance Service and Repair

Architectural Engineering

Auto Body Repair

Auto Diesel Mechanic

Automotive Mechanic

Automotive Tech

Barbering

Boilermaker

Business Accounting Tech

Business Administration Tech

Carpentry

Chemical Engineering Tech

Chemical Lab Assistant

Child Care Assistant

Civil Engineering Tech

Clerical Assistant

Commercial Sewing

Construction Tech

Cooking and Baking

Cosmetology

Data Processing Computer

Operator

Data Processing Machine Operator

Data Processing Tech

Dental Assistant

Dental Assistant Tech

Dental Hygiene Tech

Dental Laboratory Tech

Diesel and Heavy Equipment

Mechanic

Dietetic Tech

Distribution and Marketing

Drafting and Design Tech

Electrical Engineering Tech

Electrical Installation and

Maintenance

Electricity

Electro Mechanical Engineering

Tech

Electronic Engineering Tech

Electronic Instrumentation Tech

Engineering Aide

Engineering Drafting Tech

Environmental Health

Engineering Tech

Farm Machinery Mechanic

Fine Turf Tech

Food Services

Forestry

General Business

General Office Clerk

Health Occupations

Heavy Equipment Operator

Horticulture Tech

Hotel-Motel and Restaurant

Management Tech

Human Services Associate Tech

Industrial Drafting

Industrial Electronics

Industrial Engineering Tech

Industrial Management Tech

Industrial Safety and Health

Engineering Tech

Inhalation Therapy

Law Enforcement

Machine Shop

Marine Industries

Marketing Tech

Masonry

Mechanical Drafting and Design	Radio and TV Broadcasting Tech
Mechanical Engineering Tech	Radio and TV Repair
Medical Assistant Tech	Radiologic Tech
Medical Lab Assistant CLA	Retail Management
Medical Laboratory Tech	Secretarial Science Tech
Medical Records Tech	Shoe Repair
Medical Secretary	Surgical Tech
Medication Tech	Tailoring
Mental Health Tech	Teacher and Social Aide Tech
Metalworking Tech	Technical Secretary
Nuclear Tech	Technical Secretary Data Processing
Numerical Control	Textile Dye and Finishing Tech
Nurse Practical LPN	Textile Fiber Management Tech
Nurse Registered RN	Textile Management Tech
Office Occupations	Tool and Die Making
Operating Room Tech	Tool Room Machinist
Painting	Truck Driver
Para Legal Tech	Turf Maintenance
Physical Therapy Assistant Tech	Ward Clerk Secretary
Plant Mechanics	Wastewater Tech
Plastering	Watchmaking
Plumbing and Pipefitting	Welding
Printing	

CONCENTRATED EMPLOYMENT PROGRAM

The Concentrated Employment Program, a federally funded training program administered through the South Carolina State Board for Technical and Comprehensive Education was launched in 1968 as a major effort to bring together all available resources to help the state's most severely disadvantaged groups. CEP is a new approach to the problems of the disadvantaged. It attempts to coordinate local, state and federal manpower efforts to make a significant impact on the unemployment and underemployment problems of South Carolina's rural areas. It involves local business and labor groups in the manpower problems of the community and it comes to grip with the total employment problems of the hardest hit of the disadvantaged.

Most important, CEP provides full-scale, personalized help to the individuals it serves, and follows them not only until they have found a permanent job, but until they have achieved the capacity to remain on the job. Working with and through the local and state employment service, occupational education groups, and other agencies, the sponsors of the project draw up a tailored plan that provides all the services an individual may require.

These plans include outreach and recruitment, counseling and testing, job orientation, various medical and social support services, educational and vocational training or work experience, job development and placement, and even continued follow-up and help after employment. Thus, the services given the individual can be flexible and highly personalized, and the concentrated attack on unemployment can have a significant effect on the manpower problems of the neighborhood or community.

Although this program is still in its infancy, the success of its unified, personalized approach to the problems of unemployment is already unfolding in the stories of men and women whom the program has helped. Through its three centers located in St. Stephens, Orangeburg and Charleston Heights, CEP has helped nearly 6,000 people to productive jobs and provided services and training to over 1,500 people in calendar year 1973 in assisting them in their efforts to become self-supporting, non-dependent citizens.

MANPOWER DEVELOPMENT TRAINING

Manpower Development Training in South Carolina is a cooperative endeavor of both state and federal agencies. Federal agencies include the Department of Health, Education and Welfare and the Department of Labor. The South Carolina Employment Security Commission tests and guides applicants and refers them to appropriate training situations.

Funding and program development for the South Carolina Manpower Program under the provisions of the Manpower Development Training Act of 1962 and its amendments, are the responsibility of the State Board for Technical and Comprehensive Education.

The program is carried out through a variety of training facilities. Classes are located in Manpower Skill Centers, Technical Education Centers, public and private institutions on an individual referral basis, the Department of Corrections or elsewhere as required. Many trainees undertake on-the-job training.

Since the first training program in 1964, there have been over 34,400 South Carolinians trained in basic education and occupational skills.

During the fiscal year, 43 projects, representing 2,400 training slots at a total federal cost of \$3,690,487 were funded under the auspices of the Manpower Development and Training Act. Training was implemented in 16 different occupational areas from welding to licensed practical nurse.

This unique program seeks out the underemployed and unemployed, assesses their capabilities, determines their training needs, provides the training, and helps place the trainees on jobs. MDT also provides follow-up services to assist these individuals once they are placed on the job.

MANPOWER DEVELOPMENT TRAINING ACT PROGRAM FUNDING SUMMARY *

As of June 30, 1973

	<i>Number To Be Trained</i>	<i>Department of Health Educa- tion & Welfare Funding</i>	<i>Department of Labor Funding</i>	<i>Total</i>
Section 231 Projects				
State Allocation	715	\$ 628,254	\$1,426,746	\$2,055,000
Section 241 Projects				
SC (AX) 3401 (LCX)		8,000	62,000	70,000
SC (A) 3402	—	34,402	49,200	83,602
	35			
Section 251 Projects				
Department of Corrections ..	100	128,663	22,200	150,863
CEP Projects				
Inside CEP Contract		84,851	143,620	228,471
Outside CEP Contract	—	207,467	377,176	584,643
	787			
Transition Projects	105	47,090		47,090
Auto Emission Control				
Statewide	1,250	17,601		17,601
TOTAL FUNDED	2,887	\$1,156,328	\$2,080,942	\$3,237,270
STATE FUNDS (IN KIND MATCHING)				453,217
TOTAL FEDERAL/STATE FUNDS				\$3,690,487

* These programs are funded for periods that are not consistent with fiscal year operations. Projects are started and ended at varied times during fiscal year.

INDUSTRIAL DIVISION

Serving expanding industries and attracting new industries which breathe new life into the economic arteries of South Carolina, is part of the role of TEC.

Practically every corner of the state and every economic division is benefiting from the Special Schools programs offered through the Industrial Services Division of the State Board for Technical and Comprehensive Education.

It is the major responsibility of Special Schools to aid in recruiting and training personnel for new and expanding industries. This is accomplished by training the people of our state in upgrading their technical and industrial skills in order to provide existing and new industry with trained, competent, initial manpower. TEC's Special Schools reduce and, in some instances, prevent start-up losses.

When a firm considers a new plant location the management examines several elements such as power costs, transportation, market proximity, climate and the educational and cultural offerings of an area. However, one prime factor in the decision to move is usually the availability of a labor force and preferably a skilled force.

The industrial engineers of TEC visit the facilities of the parent plant and do a complete analysis of the manpower, training and recruitment needs of the industry. These experts draw up a master plan which contains studies of the work force availability, skill requirements, wage rates and fringe benefits for the needed job classifications. A lead-time schedule is prepared which pinpoints all recruiting, testing, selecting, and training according to the plant's specific requirements. The comprehensive schedule plans exact training time for each skill level and by the time the industry is ready to begin work, there are qualified workers.

Training facilities are provided in the immediate area of the new plant, often in one of the TEC Centers. Machinery is provided and qualified instructors are hired to give the trainees the best training possible in both classroom and practical machine experience. The instructors use Analytical Methods Training (AMT) techniques which assures more effective training with minimum expenditure of time, motion, and money. Manuals or training films used in the sessions are

written and printed by TEC specifically for the particular training program.

In cooperation with the state and local offices of the South Carolina Employment Security Commission, TEC begins the process of recruiting, screening and testing applicants starting with the most difficult skill levels. Those selected attend the Special Schools program and get a firsthand view of the company while learning new job skills.

Besides providing a trained labor force tailored to the companies' needs, TEC assists the plant in the orderly transfer of key personnel. Seminars are conducted to orient these people to the mores, traditions and customs of the people, the housing accommodations of the area, and the educational, recreational and cultural opportunities of South Carolina and in particular, of the chosen community.

These training programs or Special Schools are also set up for existing industries that wish to expand. Industrial diversification has resulted in a large increase in risk capital invested in our state. This past year all records were broken when new plant investment totalled approximately 900 million. This generates a continuous increase in South Carolina's General Fund Revenues, supporting programs and services of benefit to all South Carolinians.

More importantly, it provides the opportunity to live and work in South Carolina. Over the years more than 48,000 persons have been trained by TEC's Special Schools and are now holding skill level jobs in the industrial community. Many of those trained were already employed and took advantage of special training courses to help improve their opportunities for promotion and to upgrade their skills which is essential to a continually changing industrial operation.

During 1972-73, Special Schools trained over 5,000 South Carolinians in new job skills to meet the demands of the new and expanding industry of the state. Nearly 2,000 of the Special Schools trainees were for the textile industries. Programs were designed for 80 companies whose interests ranged from metalworking and chemicals to electronics.

New industry or expansion of present industry does not just occur but is the result of close cooperation between the South Carolina State Development Board and TEC, as well as

other state and local agencies. TEC continues to be a vital force in helping South Carolina to reach new peaks in industrial development. This past year was one of unprecedented growth with new plant investment setting new records. The Industrial Services Division will train even more people with new job skills as South Carolina advances its position as pace-setter for industrial growth in the Southeast.

SPECIAL SCHOOLS

July 1, 1972 - June 30, 1973

<i>Company</i>	<i>City</i>	<i>County</i>
Alice Mfg. Co.	Easley	Pickens
American Fast Print	Spartanburg	Spartanburg
American Lava	Laurens	Laurens
American Poly Fibers	Greenville	Greenville
Andrews Bearing	Spartanburg	Spartanburg
Atlantic Tool & Die	Gaffney	Cherokee
A. Q. Mills	Lynchburg	Lee
Avon Dale	Olanta	Florence
Bamberg Mfg. Co.	Bamberg	Bamberg
Beacon Mfg. Co.	Westminster	Oconee
B. F. Goodrich	Elgin	Kershaw
Bowcar Mfg. Co.	Bowman	Orangeburg
Calina Industries	Marion	Marion
Carolina Foam Products	Conway	Horry
Carolina Glove Co.	Williston	Barnwell
Carolina Steel & Wire	Lexington	Lexington
Charleston Rubber Co.	Clover	York
Chrysler Air Temp	Winnsboro	Fairfield
Daniel Construction Co.	Aiken	Aiken
Dan River Mills	Greenville	Greenville
Dayco	Walterboro	Colleton
Ducane Heating	Blackville	Barnwell
Essex Wire Co.	Bennettsville	Marlboro
Evans Rule Co.	Charleston	Charleston
Exxon	Summerville	Dorchester
FMK	Greenville	Greenville
Glassmaster Boats	Columbia	Richland
General Electric	Florence	Florence
Grandstrand Ind.	Stuckey	Williamsburg
Hanes Hosiery	Hartsville	Darlington
Hanes Hosiery	Marion	Marion
Harley Corp.	Spartanburg	Spartanburg
Holiday Wear	Ridgeland	Jasper
Int. Sys. Develop. Corp.	Charleston	Charleston

<i>Company</i>	<i>City</i>	<i>County</i>
Lockheed of Georgia	Charleston	Charleston
MAFCO	McBee	Chesterfield
McGraw-Edison	Greenwood	Greenwood
Marion Dyers	Gaffney	Cherokee
Marquis Boats	Hartsville	Darlington
Marvel Mfg. Co.	Mullins	Marion
Mary Francis	Rock Hill	York
Mayer & Cie	Orangeburg	Orangeburg
McColl Shirt Co.	McColl	Marlboro
Monroe	Lexington	Lexington
Narco	Moncks Corner	Berkeley
Neptune Meter	Greenwood	Greenwood
NCR	West Columbia	Lexington
Olin Corp.	Greenville	Greenville
Powell Mfg. Co.	Bennettsville	Marlboro
Power-Pak	Spartanburg	Spartanburg
Quality Moulding	Moncks Corner	Berkeley
Rachlin Furniture	Winnsboro	Fairfield
Reblico	Rock Hill	York
Reeves Brothers	Pageland	Chesterfield
Rock Hill Sewing	Rock Hill	York
Roper Corp.	Orangeburg	Orangeburg
Singer	Anderson	Anderson
Skyline LTD	Kershaw	Lancaster
Southeastern Steel Rolling	Rock Hill	York
Springs Mills	Mullins	Marion
Square D	Columbia	Richland
Steel Heddle	Greenville	Greenville
Stevens, J. P. & Co.	Lancaster	Lancaster
Syntric	Walhalla	Oconee
Talon	Bennettsville	Marlboro
Tavern Sportswear	Hickory Tavern	Laurens
Texize	Greenville	Greenville
Timken	Gaffney	Cherokee
Tool Technology	Inman	Spartanburg
Torrington	Honea Path	Anderson
Townsend Co.	Pontiac	Richland
20th Century Glove	Summerton	Clarendon
United Tool & Die	West Columbia	Lexington
Varinit	Greenville	Greenville
Waitress Training	Myrtle Beach	Horry
Wayne Press Co.	Blackville	Barnwell
Wilbur B. Driver Co.	Orangeburg	Orangeburg
Wise Mfg. Co.	Greeleyville	Williamsburg
Yarn Industries	Pageland	Chesterfield
Y. M. C. Inc.	Yemassee	Hampton

The total number of companies served during fiscal 72-73 was 80.

ATTACHMENT NO. 1

TRAINEES COMPLETING SPECIAL SCHOOLS—FISCAL YEAR 1973

Company City & County	TYPE INDUSTRY					Type Training		Sex		TOTAL
	Metal- work	Tex- tile	Chemi- cal	Elec- trical	Misc.	OJT	PE	Male	Fe- male	
Alice Mfg. Co., Easley, Pickens Co.		32	...	...	...	32	...	9	23	32
American Fast Print, Spartanburg, Sptg. Co.		39	...	...	...	39	...	38	1	39
American Lava, Laurens, Laurens Co. ....		...	...	...	13	...	13	11	2	13
American Poly Fibers, Greenville, G'ville Co. ....		...	2	...	...	2	...	2	...	2
Andrews Bearing, Spartanburg, Sptg. Co.	20	...	...	...	...	...	20	5	15	20
Atlantic Tool & Die, Gaffney, Cherokee Co. ...	12	...	...	...	...	...	12	12	...	12
A. Q. Mills, Lynchburg, Lee Co.		8	...	...	...	...	8	6	2	8
Avon Dale, Olanta, Florence Co.		23	...	...	...	...	23	...	23	23
Bamberg Mfg. Co., Bamberg, Bamberg Co.		55	...	...	...	...	55	...	55	55
Beacon Mfg. Co., Westminster, Oconee Co. ...		44	...	...	...	44	...	21	23	44
B. F. Goodrich, Elgin, Kershaw Co. ....		...	...	...	161	...	161	75	86	161
Bowcar Mfg. Co., Bowman, Orangeburg Co. ...		35	...	...	...	...	35	...	35	35
Calina Industries, Marion, Marion Co.		6	...	...	...	6	...	6	...	6
Carolina Foam Products, Conway, Horry Co. ....		...	...	...	9	...	9	3	6	9
Carolina Glove Co., Williston, Barnwell Co. ...		40	...	...	...	40	...	...	40	40
Carolina Steel & Wire, Lexington, Lex. Co. ...	18	...	...	...	...	...	18	18	...	18
Charleston Rubber Co., Clover, York Co. ....		...	...	...	18	18	...	8	10	18
Chrysler Air Temp, Winnsboro, F'ield Co. ...	97	...	...	...	...	...	97	59	38	97
Daniel Constr. Co., Aiken, Aiken Co.	1	...	...	...	...	...	1	1	...	1
Dan River Mills, Greenville, G'ville Co.		53	...	...	...	53	...	37	16	53
Dayco, Walterboro, Colleton Co. ....		...	...	...	72	...	72	54	18	72
Ducane Heating, Blackville, Barnwell Co. ...	21	...	...	...	...	...	21	21	...	21
Essex Wire Co., Bennettsville, M'boro Co. ...		...	...	20	...	20	...	1	19	20
Evans Rule Co., Charleston, Chas. Co.	56	...	...	...	...	...	56	39	17	56
Exxon, Summerville, Dor. Co.		83	...	...	...	83	...	62	21	83
FMK, Greenville, G'ville Co.	31	...	...	...	...	...	31	2	29	31
Glassmaster Boats, Columbia, Richland Co. ...		...	...	...	15	...	15	2	13	15
General Electric, Florence, Florence Co. ....		...	...	544	...	...	544	99	445	544
Grandstrand Ind., Stuckey, W'burg Co.		14	...	...	...	...	14	3	11	14
Hanes Hosiery, Hartsville, Darlington Co. ...		186	...	...	...	186	...	...	186	186
Hanes Hosiery, Marion, Marion Co.		43	...	...	...	43	...	17	26	43
Harley Corp., Spartanburg, Sptg. Co. ....		...	...	...	9	...	9	7	2	9

TRAINEES COMPLETING SPECIAL SCHOOLS—FISCAL YEAR 1973—Continued

Company City & County	TYPE INDUSTRY				Type Training			Sex		TOTAL
	Metal- work	Tex- tile	Chemi- cal	Elec- trical	Misc.	OJT	PE	Male	Fe- male	
Holiday Wear, Ridgeland, Jasper Co.		116	...	...	...	...	116	...	116	116
Int. Sys. Develop. Corp., Charleston, Chas. Co.	14	...	...	...	...	...	14	14	...	14
Lockheed of Georgia, Charleston, Chas. Co. ...	24	...	...	...	...	24	...	24	...	24
MAFCO, McBee, Chesterfield Co. ....	...	288	...	...	...	288	...	58	230	288
McGraw-Edison, Greenwood, G'wood Co. ....	...	...	...	65	...	...	65	39	26	65
Marion Dyers, Gaffney, Cherokee Co. ....	...	19	...	...	...	19	...	9	10	19
Marquis Boats, Hartsville, Darl. Co. ....	...	...	...	...	20	...	20	1	19	20
Marjel Mfg. Co., Mullins, Marion Co. ....	...	...	...	31	...	31	...	1	30	31
Mary Francis, Rock Hill, York Co. ....	...	8	...	...	...	...	8	...	8	8
Mayer & Cie, Orangeburg, O'burg. Co.	44	...	...	...	...	...	44	44	...	44
McColl Shirt Co., McColl, Marlboro Co. ....	...	36	...	...	...	...	36	...	36	36
Monroe, Lexington, Lex. Co. ....	...	...	...	158	...	...	158	...	158	158
Narco, Moncks Corner, Berk. Co. ....	...	...	...	42	...	...	42	1	41	42
Neptune Meter, Greenwood, G'wood Co.	244	...	...	...	...	...	244	116	128	244
NCR, West Columbia, Lexington Co. ....	...	...	...	15	...	...	15	7	8	15
Olin Corp., Greenville, G'ville Co. ....	...	...	...	...	46	...	46	25	21	46
Powell Mfg. Co., Bennettsville, M'boro Co. ...	65	...	...	...	...	...	65	46	19	65
Power-Pak, Spartanburg, Sptg. Co.	85	...	...	...	...	...	85	16	69	85
Quality Moulding, Moncks Corner, Berk. Co. ....	...	...	...	...	29	...	29	16	13	29
Rachlin Furniture Co., Winnsboro, F'field Co. ....	...	...	...	...	9	...	9	2	7	9
Reblico, Rock Hill, York Co.	7	...	...	...	...	...	7	7	...	7
Reeves Brothers, Pageland, C'field Co. ....	...	67	...	...	...	67	...	26	41	67
Rock Hill Sewing, Rock Hill, York Co. ....	...	24	...	...	...	...	24	...	24	24
Roper Corp., Orangeburg, O'burg Co.	145	...	...	...	...	...	145	22	123	145
Singer, Anderson, Anderson Co.	252	...	...	...	...	...	252	24	228	252
Skyline LTD., Kershaw, Lancaster Co. ....	...	70	...	...	...	70	...	...	70	70
So. East Steel Rolling, Rock Hill, York Co. ...	14	...	...	...	...	...	14	14	...	14
Springs Mills, Mullins, Marion Co. ....	...	196	...	...	...	196	...	113	83	196
Square D, Columbia, Richland Co.	237	...	...	...	...	...	237	141	96	237
Steel Heddle, Greenville, Greenville Co.	72	...	...	...	...	72	...	55	17	72
Stevens, Lancaster, Lancaster Co. ....	...	35	...	...	...	...	35	35	...	35
Syntric, Walhalla, Oconee Co. ....	...	2	...	...	...	2	...	...	2	2
Talon, Bennettsville, Marlboro Co. ....	...	14	...	...	...	14	...	...	14	14
Tavern Sportswear, Hickory Tavern, Laurens	...	35	...	...	...	...	35	...	35	35

TRAINEES COMPLETING SPECIAL SCHOOLS—FISCAL YEAR 1973—Continued

Company City & County	TYPE INDUSTRY					Type Training		Sex		TOTAL
	Metal- work	Tex- tile	Chem- ical	Elec- trical	Misc.	OJT	PE	Male	Fe- male	
Texize, Greenville, Greenville Co. ....	...	...	20	...	...	20	...	20	...	20
Timken, Gaffney, Cherokee Co.	101	...	...	...	...	101	...	86	15	101
Tool Technology, Inman, Spartanburg Co. . .	27	...	...	...	...	...	27	17	10	27
Torrington, Honea Path, Anderson Co.	52	...	...	...	...	52	...	45	7	52
Townsend Co., Pontiac, Richland Co.	37	...	...	...	...	...	37	...	37	37
20th Century Glove, Summerton, Clar. Co. . .	...	101	...	...	...	...	101	19	82	101
United Tool & Die, West Columbia, Lex. Co. .	13	...	...	...	...	...	13	13	...	13
Varinit, Greenville, Greenville Co. ....	...	17	...	...	...	17	...	9	8	17
Waitress Training, Myrtle Beach, Horry Co. .	...	...	...	...	229	...	229	...	229	229
Wayne Press Co., Blackville, Barnwell Co. . .	17	...	...	...	...	...	17	17	...	17
Wilbur B. Driver Co., Orangeburg, O'burg Co. .	43	...	...	...	...	...	43	...	43	43
Wise Mfg. Co., Greeleyville, W'burg Co. ....	...	...	...	...	42	...	42	20	22	42
Yarn Industries, Pageland, Chesterfield Co. .	...	36	...	...	...	...	36	1	35	36
Y. M. C., Inc., Yemassee, Hampton Co. ....	...	11	...	...	...	...	11	6	5	11

TOTALS:

Type Industry

Metalwork	1,792
Textile	1,693
Chemical	22
Electrical	875
Miscellaneous	672

Type Training

OJT	1,539
PE	3,515

Sex

Male	1,727
Female	3,327

GRAND TOTAL 5,054

September, 1961 through June, 1972 42,189

July, 1972 through June, 1973 5,054

47,243

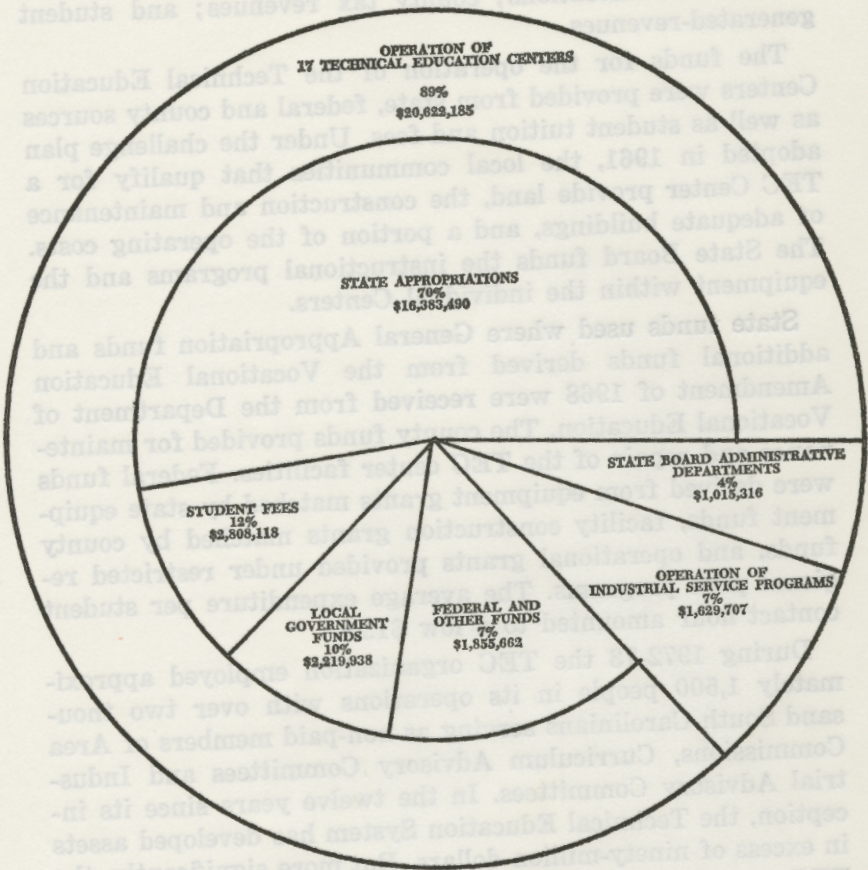
**EXPENDITURES OF THE TEC
ORGANIZATION**

The general administrative funds for the State Board for Technical and Comprehensive Education were derived solely from the General Appropriations Act of 1972. Funding was allocated from four primary sources: federal grants and educational projects; state appropriations which account for the bulk of the allocations; county tax revenues; and student generated-revenues.

The funds for the operation of the Technical Education Centers were provided from state, federal and county sources as well as student tuition and fees. Under the challenge plan adopted in 1961, the local communities that qualify for a TEC Center provide land, the construction and maintenance of adequate buildings, and a portion of the operating costs. The State Board funds the instructional programs and the equipment within the individual Centers.

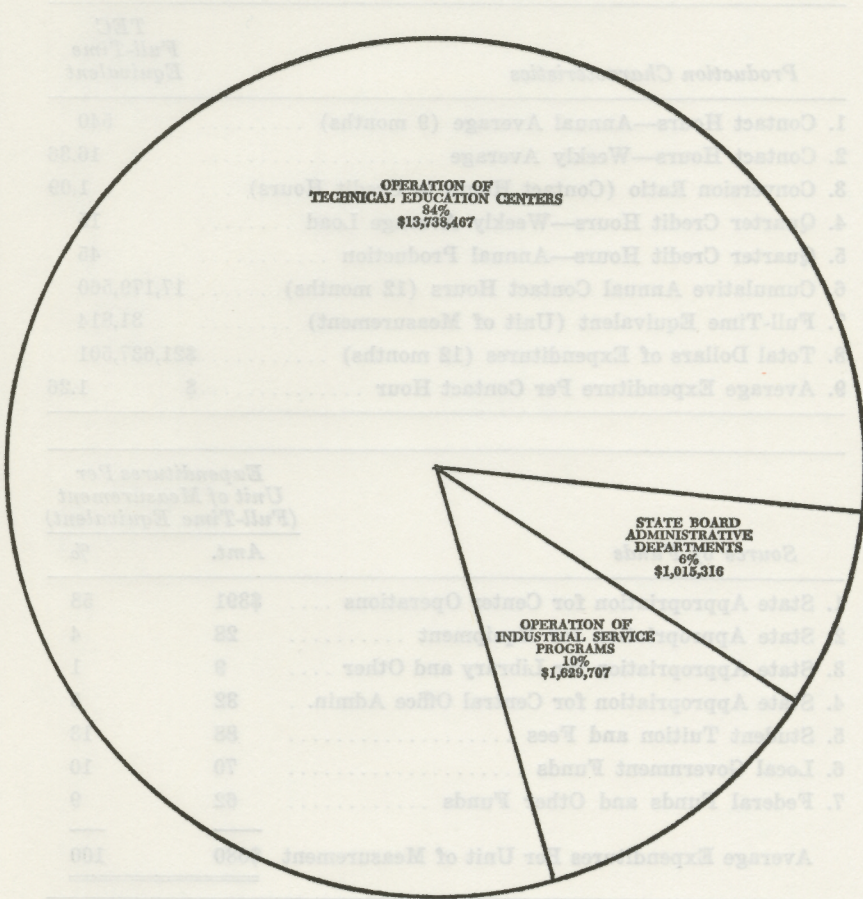
State funds used where General Appropriation funds and additional funds derived from the Vocational Education Amendment of 1968 were received from the Department of Vocational Education. The county funds provided for maintenance and repair of the TEC center facilities. Federal funds were derived from equipment grants matched by state equipment funds, facility construction grants matched by county funds, and operational grants provided under restricted regional pilot programs. The average expenditure per student contact hour amounted to a low \$1.26.

During 1972-73 the TEC organization employed approximately 1,500 people in its operations with over two thousand South Carolinians serving as non-paid members of Area Commissions, Curriculum Advisory Committees and Industrial Advisory Committees. In the twelve years since its inception, the Technical Education System has developed assets in excess of ninety-million dollars. But more significantly, the TEC system puts money back into the economy of the state by preparing individuals for entry into or progressing in employment in industrial or technical fields. While TEC upgrades the work force, new industry broadens the state economic base. Higher wages result and more tax revenue is generated for the state.



EXPENDITURES PER UNIT OF MEASUREMENT BY
SOURCE OF FUNDS STATE BOARD FOR TECHNICAL
AND COMPREHENSIVE EDUCATION—TEC CENTERS

1972-73



**EXPENDITURES PER UNIT OF MEASUREMENT BY
SOURCE OF FUNDS STATE BOARD FOR TECHNICAL
AND COMPREHENSIVE EDUCATION—TEC CENTERS**

1972-73

<i>Production Characteristics</i>	<i>TEC Full-Time Equivalent</i>
1. Contact Hours—Annual Average (9 months)	540
2. Contact Hours—Weekly Average	16.36
3. Conversion Ratio (Contact Hours to Credit Hours)	1.09
4. Quarter Credit Hours—Weekly Average Load	15
5. Quarter Credit Hours—Annual Production	45
6. Cumulative Annual Contact Hours (12 months)	17,179,560
7. Full-Time Equivalent (Unit of Measurement)	31,814
8. Total Dollars of Expenditures (12 months)	\$21,637,501
9. Average Expenditure Per Contact Hour	\$ 1.26

<i>Source of Funds</i>	<i>Expenditures Per Unit of Measurement (Full-Time Equivalent)</i>	
	<i>Amt.</i>	<i>%</i>
1. State Appropriation for Center Operations	\$391	58
2. State Appropriation for Equipment	28	4
3. State Appropriation for Library and Other	9	1
4. State Appropriation for Central Office Admin.	32	5
5. Student Tuition and Fees	88	13
6. Local Government Funds	70	10
7. Federal Funds and Other Funds	62	9
Average Expenditures Per Unit of Measurement	\$680	100

INVESTMENTS IN FACILITIES

<i>Institution</i>	<i>Year Opened or Acquired</i>	<i>Initial Investment</i>	<i>Current Investment</i>
Greenville TEC	1962	\$ 550,000	\$ 5,114,566
Sumter TEC	1962	400,000	782,255
Florence-Darlington TEC	1963	450,000	4,775,064
Midlands TEC	1963	487,000	2,679,931
Spartanburg TEC	1963	650,000	2,741,287
Tri-County TEC	1963	500,000	1,343,000
Berkeley-Charleston- Dorchester TEC	1964	650,000	1,988,115
York TEC	1964	500,000	1,406,941
Horry-Georgetown TEC	1966	571,261	1,442,200
Piedmont TEC	1966	612,000	2,332,547
Chesterfield-Marlboro TEC	1969	1,079,519	1,079,519
Orangeburg TEC	1969	1,215,000	1,618,416
Beaufort TEC	1969	1,500,000*	2,500,000
Columbia TEC	1969	2,500,000*	2,500,000
Denmark TEC	1969	1,000,000*	2,462,500
Williamsburg Manpower Center ..	1971	2,053,000	2,053,000
Aiken TEC	1972	1,616,307	1,616,307
Total Investments			\$38,435,648

* Estimated Figures

LIST OF PUBLICATIONS

1. *TEC NOTES*—Weekly internal newsletter.
2. *The Commissioner*—Published after State Board meetings for members of the Board and TEC Area Commissions.
3. *Impact*—Monthly magazine, external.
4. Publications concerning the TEC System as a whole, i. e. veterans' brochures, guidance booklets, and progress reports.
5. Training manuals published by the Division of Industrial Services for Special School programs.
6. Management Information System monthly report.
7. Annual Wage and Labor Surveys.
8. TEC Center publications including annual reports, curricula brochures, catalogues, and recruitment pamphlets.

Total Investments

* Estimated Figures